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MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE

DOMINION OF CANADA

JANUARY 1934

TEMPERATURE

In the northern Yukon temperatures were eight to twelve degrees colder than the average of a normal January. In the southern Yukon and the upper Mackenzie valley the month was four to ten degrees below normal.

In British Columbia the temperature averaged normal in the extreme north and two to six degrees above normal on the coast. In the interior valleys the normal temperature was exceeded by six to eight degrees in the Okanagan, Kootenay and Thompson valleys but by twelve to fourteen degrees in the upper Fraser and Peace River valleys.

Over the grain regions of Alberta, Saskatchewan and Manitoba the month was very mild, particularly in southwestern Alberta where the excess over normal temperature was sixteen to twenty-three degrees. Over the remainder of the region the excess was ten to fourteen degrees for the most part, but in the Cypress Hills of Saskatchewan and in the extreme southeast of Manitoba the excess was only six to eight degrees. Over the far northern portions of these western provinces the excess over normal fell away to nothing near the 60th parallel.

In far western Ontario from the north shore of Lake Superior to the Lake of the Woods the excess was four to ten degrees. In the region north of Lake Huron towards the Abitibi slopes the excess was one to three degrees. At the southern end of James Bay, however, the temperature was a little below normal. In the region between the Lower Lakes the temperatures varied from normal in the Keppel Peninsula and Manitoulin Island to five or six degrees above in the regions of Lake St. Clair and the Niagara Peninsula. Between the Ottawa and the upper St. Lawrence valleys there was an excess of one to three degrees.

In extreme southwestern Quebec temperatures were normal except in the Gatineau valley and immediately adjoining territories where there were local excesses of from one to four degrees. From the upper St. Maurice through the Saguenay valley to the Gulf of the St. Lawrence temperatures were below normal by one to four degrees. A portion of the Rouyn district, however, was a little warmer than normal.

In the Atlantic provinces January was cold with mean temperatures below normal in all districts, by three to seven degrees in New Brunswick and Prince Edward Island and by one to six degrees in Nova Scotia.

PRECIPITATION

On Vancouver Island and the Pacific coast there was an excess over normal precipitation of one-third to one-half of the normal amount. In the interior valleys precipitation was rather light except in the upper Fraser where it was normal and in the North Columbia River region where there was an excess of one-third or more.

In Alberta there were slight excesses over normal precipitation in parts of the mountainous region and locally in the region of the Lesser Slave Lake. In Saskatchewan there was a slight excess over normal precipitation in the southeastern districts and locally from Scott to Saskatoon. Elsewhere in Saskatchewan it was deficient, many districts reporting less than half an inch. In Manitoba precipitation was about normal over the grain region and in excess in the northern lake region.

In Ontario precipitation was above normal in the north and west and generally deficient in the Lower Lake region and the upper St. Lawrence valley. Locally there were excesses in the lower Ottawa valley.

In the region of Montreal, the eastern townships and the Gatineau valley there were local excesses; but downstream, in the Laurentians, the Saguenay-Lake St. John region precipitation was generally a little below normal.

In the Atlantic provinces the precipitation was chiefly snow and was for the most part below average. There were deficiencies of five to fifty per cent. in Nova Scotia, Prince Edward Island and the north and north-eastern districts of New Brunswick. In central and southern New Brunswick and locally in the upper valley of the St. John River precipitation was twenty to fifty per cent. in excess while in the Annapolis Valley of Nova Scotia the excess was fifty per cent.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Tm is the mean temperature of the current month; Column Sg denotes depth of snow on ground in inches, where given.

BRITISH COLUMBIA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Estevan Point			17.5		44°	Vancouver	56°	31°	11.9	57	42°	Cranbrook	42°	0°	1.6		
Sooke	54°	28°	11 3			New Westminster	57°	30°	12 1			Golden	40°	-15°	4.0		
Goldstream Lake			13.5			White Rock	53°	31°	7.9			Glacier	33°	0°	11.8		
Port Alberni	55°	28°	13.9			Summerland	49°	18°	0 7	46		Field	38°	-8°	3.0		
Victoria	52°	34°	7.2	62	43°	Oliver	50°	19°	0 3	30		Prince George	52°	-21°	1.6	56	26°
Shawnigan Lake	53°	28°	9.0			Vernon	45°	14°	1.1	52		Prince Rupert	53°	11°	22.9		37°
Duncan	57°	25°	8.2			Kamloops	49°	13°	0 5	45	30°						
Cowichan Bay	54°	28°	6.8	60		Salmon Arm	47°	11°	1.8	34							
Nanaimo	52°	30°	7.2	80		Greenwood	44°	-5°	2 0								
Courtenay			8.6			Kaslo			5.3		31°						

ALBERTA

STATION	H	L	P	I	Tm	Sg	STATION	H	L	P	I	Tm	Sg
Beaverlodge	48°	-41°	1.0	68	17°		Brooks			0.3			
Fairview	45°	-48°	2.2	24	9°		Calgary	54°	-20°	0.4	107	27°	
Peace River	48°	-67°	1.2		1°		Cardston	52°	-12°	0.0		31°	
Entrance	54°	-35°	0.3		25°		Cowley			1.2			
Grouard	46°	-54°	2.1		9°		High River	59°	-19°	0.8		29°	
High Prairie	50°	-52°	2.2		13°		Lethbridge	52°	-11°	0.4	106	32°	0
Slave Lake	53°	-39°	1.6		12°		Lyndon			0.4			
Edmonton	48°	-22°	0.7	84	19°	10	Lundbreck	55°	-23°	0.4		27°	
Metiskow	52°	-21°	0 8		26°		Macleod	52°	-13°	0.3		39°	
Viking	42°	-24°	1.4		22°		Maycroft			0.6			
Wabamun			1.0				Medicine Hat	50°	-12°	0.6	79	26°	0
Wetaskiwin	49°	-21°	0.2		19°		Seven Persons			0.1			
Alix	55°	-37°	1.2		20°		Strathmore	51°	-22°	0.1		22°	
Eckville	49°	-39°	0.7		31°		Waterton Park			1 2			
Olds	54°	-26°	0.1		23°		Vulcan			0.2			
Springdale	51°	-36°	0.6		19°		Coalspur	52°	-40°	1.6		15°	
Beaver Mines			1.0				Exshaw	51°	-19°	1.2		27°	

SASKATCHEWAN

Battleford	42°	-25°	0.4		10°	5	Midale	40°	-21°	0.7		13°	
Biggar	40°	-27°			14°		Moose Jaw	42°	-21°	0.7	86	18°	
Lintlaw	38°	-32°	0.8		6°		Muenster	36°	-30°	0 4		5°	
Prince	38°	-35°	0.5		6°		Nokomis	39°	-25°	0.7		11°	
Prongua			0 5				Qu'Appelle	42°	-24°	0.8	100	13°	3
Rabbit Lake	40°	-31°	0 2		5°		Regina	38°	-21°	1.0		10°	8
St. Walburg	41°	-37°	1.1		4°		Regina (Exp Station)	40°	-21°	1.1		10°	
Scott	42°	-28°	0.9		11°		Whitewood	38°	-27°	0.2		10°	
Waseca	41°	-27°	0.9		11°		Yellow Grass	42°	-28°	0.3		14°	
Dundurn	39°	-25°	0.7		13°		Beechy	40°	-25°	0.6		15°	
Kinistino	44°	-31°			10°		Chaplin	39°	-14°			20°	
Prince Albert	43°	-37°	0.2		7°	15	Climax			0.1			
Saskatoon	41°	-24°	0.8		10°		Gravelbourg	44°	-16°			18°	
Lost River	40°	-41°			2°		Gull Lake	59°	-19°			22°	
Nipawin	41°	-45°	0.3		7°		Leader	43°	-25°	0 1		19°	
Carlyle	37°	-25°	0 4		6°		Leitchville			0.1			
Caron	43°	-20°	1.0		17°		Nashlyn	41°	-17°			15°	
Ceylon			0.7				Outlook	41°	-20°	0.9		16°	
Dana	40°	-28°	1.5		6°		Pennant	43°	-29°	0.4		19°	
Francis	40°	-22°	0.3		11°		Rockglen			0.2			
Grenfell	38°	-26°	0.9		11°		Rosetown	38°	-22°	1.1		12°	
Humboldt	38°	-30°			6°		Shaunavon	47°	-15°			23°	
Indian Head	41°	-25°	1.2		11°		Strongfield			0.6			
Kamsack	37°	-42°	0.9		5°		Swift Current	45°	-16°	0.6	123	23°	
Lumsden	40°	-22°			14°								

MANITOBA

Le Pas	36°	-48°	1.9	130	-4°		Morris	36°	-38°			2°	36
Dauphin	44°	-37°	1.0		-7°	36	Treherne	40°	-30°	1.2			24
Russell	8°	-36°	0.6		0°		Ninette	42°	-31°	0.6		11°	
Hamiota	36°	-37°			6°		Graysville	40°	-32°	1.4		6°	42
Brandon	38°	-37°	0.5	90	7°	11	Winnipeg	39°	-39°	1.0	85	6°	32
Minnedosa	38°	-39°	0.8		6°	18	Great Falls	40°	-41°	0.8			
Treesbank (St Albans)	40°	-40°	1.3				Pinawa	38°	-49°	1.2			
Morden (Experimental Farm)	40°	-32°	1.0	104	8°	11	Sprague	46°	-47°	0.8			

ONTARIO

STATION	H	L	P	I	Tm	Sg.	STATION	H	L	P	I	Tm	Sg.
Kenora	34°	-38°	2.3				Goderich	42°	0°	2.7		27°	6
Sioux Lookout			2.6		4°	36	Brucefield	43°	0°	2.0			3
Armstrong	36°	-43°	2.2		1°	38	Forest	45°	-1°	1.4			0
Quorn	35°	-42°	1.3			40	Wallaceburg	48°	-4°	0.6		30°	0
Macdiarmid	35°	-39°	1.6			36	Harrow	48°	1°	1.4	75	30°	
Longlac	38°	-36°	2.1		4°	37	Pelee Island	48°	2°	1.5		30°	0
Port Arthur	38°	-29°	1.3		14°	16	Chatham	45°	-1°	1.3	56	28°	
Schreiber	36°	-28°	4.0		10°	48	Stratford	40°	-9°	5.0			6
Kapuskasing	35°	-44°	1 9	55	0°		London	42°	-2°	2.2		25°	3
Cochrane	37°	-36°	1.5		3°		Woodstock	42°	-6°	2.3	33	25°	2
Moosonee	34°	-42°	1.0		-6°		Brantford	44°	-7°	2.1		26°	½
Iroquois Falls	36°	41°	2.5		1°	48	Paris	45°	-12°	2.4		26°	1
Timmins	37°	-30°	2 2		4°	78	Simcoe	46°	-4°	2.5		28°	
Wawaitin Falls	37°	-43°	2 5		6°	33	Port Dover	48°	-6°			28°	
Heaslip	37°	-44°	1.4		2°	36	St Catharines	48°	-1°	1.3	29	29°	
Haileybury	37°	-32°	1.4	74	8°	16	Grimsby	45°	-6°	1.9		27°	1
White River	36°	-42°	3.8		9°	21	(Rock Chapel)						
Franz	38°	-34°	2.8		10°	27	Toronto	43°	-9°	1.5	45	26°	Icy
Steep Hill Falls	39°	-39°	7.2		19°	36	Orono	39°	-16°	2.3	67	22°	4
Bear Island	38°	30°			19°		Fenelon Falls			2.7			18
North Bay	39°	28°	2.0		12°		Campbellford (II)			1.7			3
Crystal Falls	39°	-37°	1.7		13°		Campbellford (I)	40°	-16°	1.8		18°	5
Madawaska	39°	-37°	2.0		21°		Picton	42°	-15°	2.3			2
Providence Bay	35°	-25°	1.6		17°	8	Peterboro'	40°	-20°	1.7			12
Parry Sound	38°	-20°	1.5		18°	8½	Queensboro	38°	-27°	3.2		17°	8
Walker's Point	38°	-32°	2 4	52	16°	20	Lakefield	38°	-19°	2.0	39	18°	6
Southampton	42°	-10°	2 3		22°	10	Belleville	42°	-14°	2.6	64		6
Lucknow	44°	-6°	3 2				Kingston			1.9	66	20°	
Beatrice	38°	27°	1.9		16°		Brockville	41°	-16°	2.4	80	17°	9
Walkerton	48°	-13°	4.2			24	Morrisburg	43°	-31°	2.7			11
Eugenia	40°	-20°	1.8		20°	6	Ottawa	43°	-25°	2.6		14°	28
Mount Forest	44°	-15°	2.6	23	22°	24	Ottawa (Exp. Farm)	38°	-34°	3.0	66	10°	
Orillia	43°	-20°	3.5	64	17°	11½	Renfrew	38°	-30°	2.8		8°	30
Barrie	41°	-17°	2.2	31	19°	8	Pembroke	44°	-24°	3.4		12°	27
Beeton	43°	-13°	2.6		23°	30	Clontarf	41°	-29°	2.4		12°	21
Alton	41°	-14°	2.3		20°	9							

QUEBEC

Cedars	39°	-19°	5.0		13°		Mont Laurier	35°	-27°	1.4		9°	48
Macdonald College	40°	-20°	4.2		12°	19	St. Joachim	36°	-32°	2.6			40
Montréal	39°	-18°	3 2	70	14°	20	Québec	36°	-24°	3.3	71	10°	34
Farnham	39°	-29°	3.3	77	12°	10	Cap Rouge	35°	-32°	2.9	61	9°	42
Brome	41°	-29°	4 0		13°	13	Ste. Anne de la Pocatiére	40°	-24°	2 2	66	10°	
Lennoxville	41°	-35°	3.0	73	11°	14	Sanmaur	35°	-44°	1 2	83	-1°	40
Sherbrooke	44°	-26°	2 6	62	12°	14	La Ferme	35°	-45°	0.9	62	2°	
Sorel	38°	-29°	3.7				Roberval	45°	-40°	1.6		-1°	45
St. Gabriel de Brandon			4.9				Doucet			2.4		-5°	48
Joliette	39°	-35°	1.6		9°	38	Dolbeau			2.7		-2°	
St. Lin de Laurentides	49°	-37°	1.8		9°	28	Anticosti			1.6		8°	
Huberdeau	40°	-35°	2.2			29	Father Point			2.4		20°	
Maniwaki	35°	-32°	3.6		13°	43	Harrington Harbr			4.7		10°	40
							Grindstone	38°	-10°	3.8		11°	35

ATLANTIC PROVINCES

Aroostook	43°	-38°	3.8		3°	28	Sussex	44°	-38°	3.6		11°	
Bathurst	39°	-27°	2 8		5°	60	Woodstock	42°	-35°	3.1		6°	48
Chatham	40°	-33°	2.3		8°	30	Annapolis Royal	46°	-7°	5.0	69	21°	
Chipman	43°	-42°	4.6		5°		Digby	41°	-5°	3.4		22°	
Fredericton	42°	-27°	4.7	106	9°	42	Halifax	40°	-10°	2.9		20°	T
Fredericton (Experimental Farm)	40°	-28°	4.6	107	9°	38	Kentville (Experimental Farm)	45°	-20°	2.8		17°	12
Gagetown	41°	-28°	5 3		12°	36	Liverpool	45°	-25°	4.3		22°	T
Grand Falls	40°	-40°	3.6		3°	48	Nappan	46°	-30°	2.8	91	12°	
Harvey	44°	-31°	4.2		6°	60	Sydney	43°	-15°	3.4		16°	18
Moncton	39°	-26°	3.5		10°	28	Upper Stewiacke	46°	-34°	2.1		17°	8
Musquash	42°	-24°	4.8		14°	22	Wolfville	47°	-13°	2.9	102	19°	6
McAdam Junction	43°	-30°	3.4		10°	38	Yarmouth	45°	-1°	3.4		24°	2
Nepisiquit Falls	38°	-40°	3.4		7°		Charlottetown	42°	-13°	3.0		14°	15
Richibucto	40°	-30°	3 9		9°	47	Charlottetown (Experimental Farm)	42°	-16°	4.4	100	13°	18
Saint John	41°	-16°	5 3	106	16°	30							

+8°
+4°
+4°
+4°
+4°
−4°
−4°
Great Whale River
Big River
James Bay
Ft George
Port Nelson
Lake Superior
Lake Michigan
Houghton
Marquette
Escanaba
Alpena
Green Bay
Ludington
Saginaw
Grand Haven
Milwaukee
Chicago
La Salle
Ft. Wayne
Toledo
Cleveland
Detroit
Erie
Buffalo
Oswego
Syracuse
Albany
Binghampton
Scranton
New York
Canton
Northfield
Portland
Concord
Boston
Nantucket
New Haven
Block I.
Pittsburg
Harrisburg
Philadelphia
90°
85°
80°
75°
70°
65°
60°
50°
45°
40°

E, DOMINION OF CANADA.
R MAP
1934
emperature; and total precipitation of the month.
Ellesmere Island
Pond Inlet
Godhaven
Angmagssalik
Nottingham I.
Ashe Inlet
Cape Wolstenholme
Wakeham
Hopes Advance
Resolution
Port Burwell
Port Chimo
Port Harrison
Leaf R.
Nain
Gothaab
Julianehaab
H U D S O N S
90°
85°
80°
75°
70°
65°
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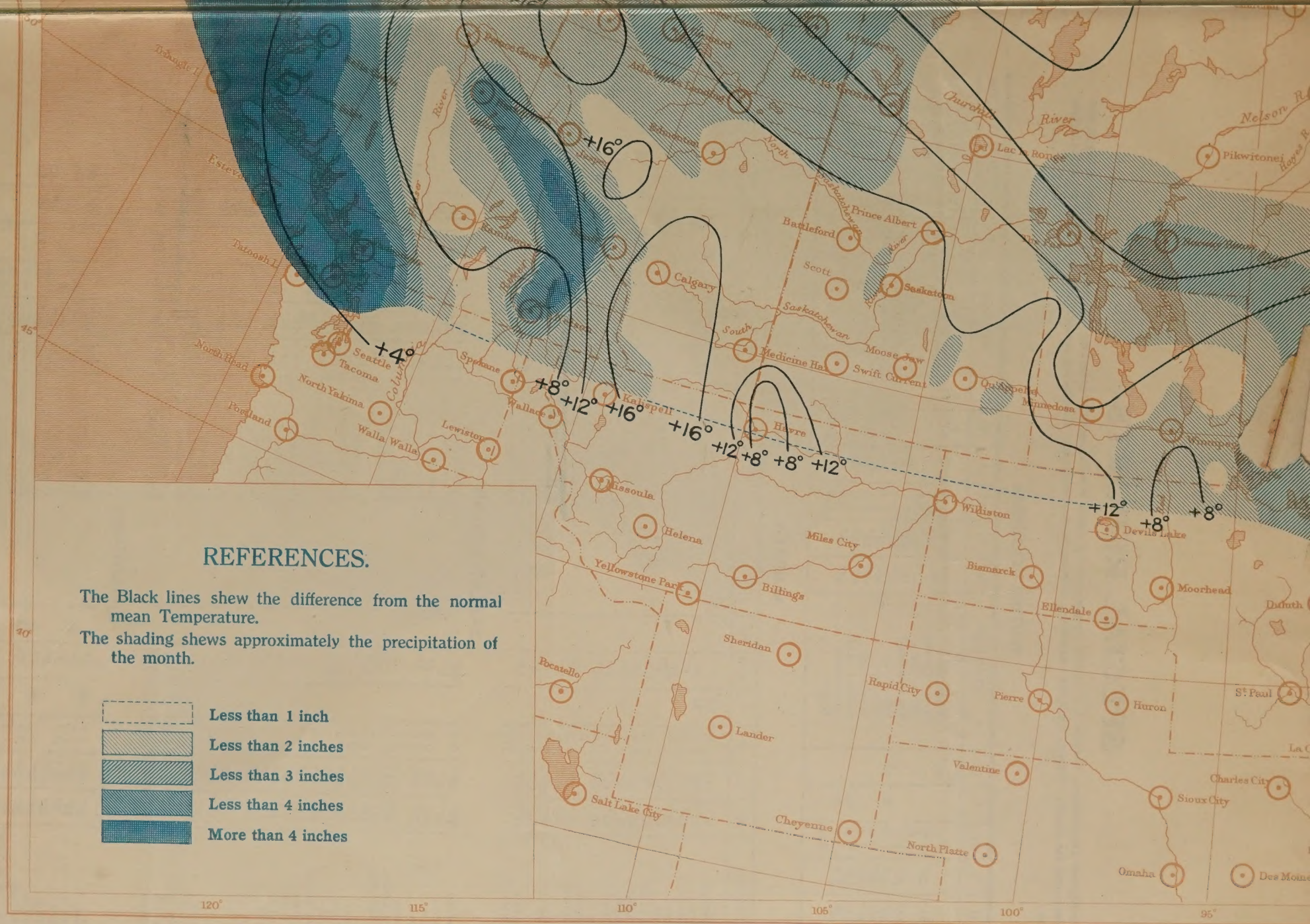
55°
50°
40°
35°
60°
55°



REFERENCES.

The Black lines shew the difference from the normal mean Temperature.

The shading shews approximately the precipitation of the month.

- Less than 1 inch
- Less than 2 inches
- Less than 3 inches
- Less than 4 inches
- More than 4 inches

METEOROLOGICAL SERV
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JANUARY
Chart shewing the difference from normal mea
−12°
−8°
−4°
−12°
−8°
−4°
+
−
−
+
Tanana
Fort Yukon
Herschell I.
Aklavik
Mc Pherson
Eagle
Dawson
Yukon River
Mayo
Good Hope
Norman
Mackenzie River
Coppermine
Cambridge Bay
Great Bear Lake
150°
145°
140°
130°
125°
120°
115°
110°
105°
100°
95°
60°
55°